

Appl. No. 09/903,991

Reply to Office Action of: June 22, 2005

**BEST AVAILABLE COPY****Amendments to the Claims**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of claims:**

1. (currently amended) A method for resolving a web site address when connected with a virtual private network (VPN) comprising the steps of:
  - a) connecting a public host ~~having a software module~~ with a virtual private network (VPN),  
~~said public host having a software module and having said software module route for routing~~  
future domain name requests to a domain name server (DNS) of said VPN while said connection is active;
  - b) said software module monitoring domain name requests from said public host;
  - c) said software module intercepting said requests;
  - d) said software module modifying said requests and routing said requests to said DNS of said VPN;
  - e) said DNS resolving said requests and returning an address location to said software module as a domain name response;
  - f) said software module modifying said response; and
  - g) said software module ~~forwarding~~ providing said address location ~~[[to]]~~ for use by said public host.
2. (cancelled)
3. (cancelled)
4. (previously presented) The method of Claim 1 further including the step of connecting said host to said address location.
- 5 – 11. (cancelled)
12. (previously presented) The method of Claim 1, wherein said software module modifies said requests in step d) by replacing an address of an internet service provider (ISP) with the

Appl. No. 09/903,991

Reply to Office Action of: June 22, 2005

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address of said DNS of said VPN and modifying a check sum of said domain name requests; and said software module modifies said responses in step f) by re-modifying said check sum and said address of said ISP to counter-act the original check sum and ISP address modifications performed in step d).

13. (currently amended) The method of Claim 12, wherein said modification of said check sum includes computing a new check sum by XORing said check sum with a ~~hexidecimal~~ hexadecimal value to obtain a one's complement, and replacing said check sum with said new check sum.

14. (previously presented) The method of Claim 1, wherein said connection between said public host and said VPN is a VPN tunnel.

15. (previously presented) The method of Claim 14, wherein said VPN tunnel is a Secure Internet Protocol (IPSec) tunnel.

16. (previously presented) The method of Claim 1, wherein said public host is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop personal computer, having data communication capabilities.

17. (previously presented) A system for resolving a web site address for a public host when connected with a virtual private (VPN) comprising:

a domain name server (DNS) of said VPN for resolving domain name requests from said public host;

a software module of said public host for monitoring and intercepting said requests; modifying said requests and routing said requests to said DNS; receiving and modifying a response from said DNS; and forwarding an address location to said public host; and

a communication link between said software module and said DNS.

18. (previously presented) The system of Claim 17, wherein said software module is a driver.

Appl. No. 09/903,991

Reply to Office Action of: June 22, 2005

**BEST AVAILABLE COPY**

19. (previously presented) The system of Claim 17, wherein said public host is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop personal computer; having data communication capabilities compatible with said communication link.